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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
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EXAMINER

AMINI, JAVID A

ART UNIT

PAPER NUMBER

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DELIVERY MODE

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PAPER

**Please find below and/or attached an Office communication concerning this application or proceeding.**

The time period for reply, if any, is set in the attached communication.

<b>Office Action Summary</b>	<b>Application No.</b> 09/867,679	<b>Applicant(s)</b> MILLMORE ET AL.	
	<b>Examiner</b> JAVID A. AMINI	<b>Art Unit</b> 2628	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

### Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

### Status

- 1) ☒ Responsive to communication(s) filed on 02 June 2009.
- 2a) ☐ This action is **FINAL**.                      2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

### Disposition of Claims

- 4) ☒ Claim(s) 1-15 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 1-15 is/are rejected.
- 7) ☐ Claim(s) \_\_\_\_\_ is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

### Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on \_\_\_\_\_ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

### Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All    b) ☐ Some \*    c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
  2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
  3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

\* See the attached detailed Office action for a list of the certified copies not received.

### Attachment(s)

- |  |   |
|--|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892)          | 4) <input type="checkbox"/> Interview Summary (PTO-413)           |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | Paper No(s)/Mail Date. _____                                      |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO/SB/08)          | 5) <input type="checkbox"/> Notice of Informal Patent Application |
| Paper No(s)/Mail Date _____  | 6) <input type="checkbox"/> Other: _____                          |

***Continued Examination Under 37 CFR 1.114***

A request for continued examination under 37 CFR 1.114, including the fee set forth in 37 CFR 1.17(e), was filed in this application after final rejection. Since this application is eligible for continued examination under 37 CFR 1.114, and the fee set forth in 37 CFR 1.17(e) has been timely paid, the finality of the previous Office action has been withdrawn pursuant to 37 CFR 1.114. Applicant's submission filed on 6/2/2009 has been entered.

***Claim Rejections - 35 USC § 103***

The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

Claims 1-15 are rejected under 35 U.S.C. 103(a) as being unpatentable over Seidman Pub. No. 2002/0174148 A1, and further in view of Yu Pub. No. 2002/0153409 A1.

1.

Seidman teaches A computer-implemented system for controlling the appearance of a data entry form on a display to which the system is connected for use in entering data into a database (e.g., at [0021] discloses in the form of computer program code, see also fig. 2), the system comprising a storage for storing attribute data defining attributes of a data entry form having at least one data entry field and, for the at least one data entry field, storing a plurality of data values and, for each of the plurality of stored data values, storing corresponding attribute data defining a different set of data entry fields for each of the plurality of data values (e.g., in fig. 2 that illustrates a data

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entry form on display, and representing a different set of data entry fields, it would have been obvious to those skilled in the art that various changes may be made and equivalents may be substituted for elements thereof without departing from the scope of the invention, see fig. 3 #306 designated address format that ties the country code field #302 to a particular address format); and a controller for causing the data entry form to be displayed on a display in accordance with the stored attribute data (see fig. 3 #302 and 306 are considered as stored attribute data) but not initially displaying a value and into which a user enters a value, (e.g., at [0018] or in fig. 4 teaches receiving a parsed address from a user computer/system that will contact the host system through the network to request an address conversion. In addition, this request could come from an application local to the host system. The requesting system will send a parsed address to the formatting application. This address will be received by the formatting application at step 402 in fig. 4. The application will isolate a portion of the parsed address, in this example the country field at step 414 and look up the country field in the address format table (see FIG. 3) to get the associated address format field at step 406. The application will proceed to apply the template to the parsed address at step 408 and then output the reformatted address in the country specific format at step 410). Seidman does not explicitly specify for monitoring data values entered by the user into said at least one data entry field, and, in response to entry by the user of a value into the at least one data entry field that matches one of the plurality of stored data values (#406 fig. 4 of Seidman) , displaying in said data entry form in addition to said at least one data entry field the set of data entry fields that corresponds to the value entered into the at least one data entry field according to the attribute data defining the set of data entry fields, e.g. see figs. 3-4 of Seidman.

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However, Yu teaches for monitoring data values entered by the user into said at least one data entry field, e.g., see [0013] that discloses required address fields (i.e., metadata describing address fields and data that must be present in all addresses for a country), for error checking.

Thus, it would have been obvious to one of skill in the art to combine the teachings of Yu into Seidman's teachings in order to support not only validation of addresses for a given country's postal addresses (e.g., U.S. addresses), but also includes support for validating the postal addresses for other countries as well. Such a global validation system would not be tied to any particular character set, but would instead be flexible enough to handle any country's address formats. The system would be able to correctly discern address information irrespective of country-specific features and be able to compare that information with known addresses in its database in an efficient manner. Additionally, the system should be able to ensure that incoming addresses meet country-specific requirements (as to acceptable address format) of the many different countries.

2.

A system according to claim 1, wherein the controller is configured to enable a user to define the content of the storage, see paragraph 0013 of Seidman.

4.

The system of claim 1, wherein said one data entry field accepts an address style data value and the corresponding further data entry field is an address entry field having a correct format for the address style data value, see fig. 2 of Seidman.

5.

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The system of claim 1, wherein the corresponding further data entry field corresponds in form with the data value entered into said one data entry field, see fig. 2 of Seidman.

6.

The system of claim 1, wherein said one data entry field accepts a data value indicating a style and the corresponding further data entry field has a correct format for the indicated style, see fig. 4 steps 408 and 410 of Seidman.

7.

The system of claim 1, wherein the controller further displays a corresponding plurality of further data entry fields according to the stored attribute data, see fig. 2 that is self explanatory.

8.

The system of claim 7, wherein the corresponding plurality of further data entry fields correspond in form with the data value entered into said one data entry field, see fig. 4 step 402 that may be considered as the data entered into one field e.g., in fig. 3 illustrates ISO code or address format.

9.

The system of claim 7, wherein said one data entry field accepts a data value indicating a style and the corresponding plurality of further data entry fields have correct formats for the indicated style, fig. 4 of Seidman covers all features of the claim 9.

Claim 3 is rejected with similar reasons as set forth in claim 1, above.

Claims 10-15 are rejected with similar reasons as set forth in claims 4-9, respectively, above.

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***Conclusion***

Any inquiry concerning this communication or earlier communications from the examiner should be directed to JAVID A. AMINI whose telephone number is (571)272-7654. The examiner can normally be reached on 7-3pm.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Kee Tung can be reached on 571-272-7794. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

Javid A Amini  
Primary Examiner  
Art Unit 2628

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